SEQUENCE LISTING



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<120> NOVEL PROPERTY EFFECTING AND/OR PROPERTY EXHIBITING COMPOSITIONS FOR THERAPEUTIC AND DIAGNOSTIC USE

<130> ENZ-53(D3)

<140> 08/978,636
<141> 1997-11-25

<150> 08/574,443
<151> 1995-12-15

<160> 63

<170> PatentIn Ver. 3.2

<210> 1
<211> 20
<212> PRT
<213> Influenza B virus

<400> 1
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1 5 10 15

Met Ile Ala Gly
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<210> 2
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<213> Bacteriophage T7

<400> 2
tgctctctaa gggtctactc 20

<210> 3
<211> 15
<212> DNA
<213> Simian virus 40

<400> 3
ctctaaggta aatat 15

<210> 4
<211> 16
<212> DNA
<213> Simian virus 40

<400> 4
tgtattttag attcaa 16

<210> 5
<211> 19
<212> DNA
<213> Simian virus 40

<400> 5
tgctctctaa ggtaaatat 19

<210> 6
<211> 19
<212> DNA
<213> Simian virus 40

<400> 6
tgtattttag ggtctactc 19

<210> 7
<211> 19
<212> RNA
<213> Bacteriophage T7

<400> 7
ugcucucuaa gguaaauau 19

<210> 8
<211> 19
<212> RNA
<213> Bacteriophage T7

<400> 8
uguauuuuag ggucuacuc 19

<210> 9
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<213> Bacteriophage T7

<400> 9

ugcucucuaa gggucuacuc 20

<210> 10
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 10
ggaattcgtc tcgagctctg atcaccacca tggacacgat taacatcgc 49

<210> 11
<211> 55
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 11
gactagttgg tctcgtctct tttttggagg agtgtcgttc ttagcgatgt taatc 55

<210> 12
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 12
ggaattcgtc tcggagaaag gtaaaattct ctgacatcga actggc 46

<210> 13
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 13
gactagtggt ctccccttag agagcatgtc agc 33

<210> 14
<211> 33
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 14
ggaattcggt ctcgggtcta ctcggtggcg agg 33

<210> 15
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 15
gactagtcgt tacgcgaacg caaagtc 27

<210> 16
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 16
ggaattcgtc tctaaggtaa atataaaatt tttaag 36

<210> 17
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 17
gactagtcgt ctctgaccct aaaatacaca aacaattaga 40

<210> 18
<211> 92
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 18
ggaattcgtc tcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60
ctcctccaaa aaagagacga gaccaactag tc 92

<210> 19
<211> 92

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 19
gactagttgg gctcgtctct tttttggagg aggggcgttc ttagcgatgt taatcgtgtc 60
catggtggta tgcagagctc gagacgaatt cc 92

<210> 20
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 20
ggaattcgtc gcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60
ctcctccaaa aaa 73

<210> 21
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 21
tctcttttttt ggaggagtgt cgttcttagc gatgttaatc gtgtccatgg tggtatgcag 60
agctcgagac gaattcc 77

<210> 22
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 22
ggaattcgtc tcg 13

<210> 23
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 23
gagaaaggta aaattctctg acatcgaact ggc 33

<210> 24
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 24
tctccgagac gaattcc 17

<210> 25
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 25
ttccatttta agagactgta gcttgaccg 29

<210> 26
<211> 106
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 26
ggaattcgtc tcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60
ctcctccaaa aaagagaaag gtaaaattct ctgacatcga actggc 106

<210> 27
<211> 106
<212> DNA
<213> Artificial Sequence

<220>
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<400> 27
gccagttcga tgtcagagaa ttttaccttt ctctttttg gaggagtgtc gttcttagcg 60
atgttaatcg tgtccatggt ggtagtcaga gctcgagacg aattcc 106

<210> 28
<211> 50
<212> DNA
<213> Bacteriophage T7

<400> 28
atggacacga ttaacatcgc taagaacgac ttctctgaca tcgaactggc 50

<210> 29
<211> 50
<212> DNA
<213> Bacteriophage T7

<400> 29
gccagttcga tgtcagagaa gtcgttctta gcgatgttaa tcgtgtccat 50

<210> 30
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 30
atggacacga ttaacatcgc taagaacgac actcctccaa aaaagagaaa ggtaaaattc 60
tctgacatcg aactggc 77

<210> 31
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 31
gccagttcga tgtcagagaa ttttaccttt ctctttttg gaggagtgtc gttcttagcg 60
atgttaatcg tgtccat 77

<210> 32
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 32
gatcattaga ccagatctga gcctgggagc tctctggcta actagggaac ccactgctta 60

agcctcaag 69

<210> 33
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 33
gatccttgag gcttaagcag tgggttccct agttagccag agagctccca ggctcagatc 60
tggtctaat 69

<210> 34
<211> 61
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 34
gatcaccttа ggctctccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 60
g 61

<210> 35
<211> 61
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 35
gatccttgag gaggtcttcg tcgctgtctc cgcttcttcc tgccatagga gagcctaagg 60
t 61

<210> 36
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 36
gatcatagtg aatagagtta ggcagggata ctcaccatta tcgtttcaga cccacctccc 60
ag 62

<210> 37

<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 37
gatcctggga ggtgggtctg aaacgataat ggtgagtatc cctgcctaac tctattcact 60
at 62

<210> 38
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 38
aatctagagc taacaaagcc cgaaaggaag 30

<210> 39
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 39
ttctgcagat atagttcctc ctttcagc 28

<210> 40
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 40
tcgagccatg gcttaaggat ccgtacgtcc ggagctagcg ggcccatcga tactagttaa 60
atgcagatct 70

<210> 41
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 41
ctagagatct gcatttaact agtatcgatg ggcccgctag ctccggacgt acggatcctt 60
aagccatggc 70

<210> 42
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 42
catgaaatta attcgactca ctatacgga 29

<210> 43

<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 43
gatctccgta tagtgagtcg aattaattt 29

<210> 44
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 44
gatccggatt gaggcttaag cagtgggttc cctagttagc cagagagctc ccaggctcag 60
atctggtcta at 72

<210> 45
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 45
ccggattaga ccagatctga gcctgggagc tctctggcta actagggaac ccactgctta 60
agcctcaatc cg 72

<210> 46
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 46
gatccggacc ttgaggaggt cttcgtcgct gtctccgctt cttcctgcca taggagagcc 60
taaggt 66

<210> 47
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 47
ccggacctta ggctctccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 60
ggtccg 66

<210> 48
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 48
gatccggatg ggaggtgggt ctgaaacgat aatggtgagt atccctgcct aactctattc 60
actat 65

<210> 49
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 49
ccggatagtg aatagagtta ggcagggata ctcaccatta tcgtttcaga cccacctccc 60
atccg 65

<210> 50

<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 50
gatcagcatg cctgcaggtc gactctagac ccgggtaccg agctcgccct atagtgagtc 60
gtattat 67

<210> 51
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 51
ccggataata cgactcacta tagggcgagc tcggtacccg ggtctagagt cgacctgcag 60
gcatgct 67

<210> 52
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 52
tttttttttt tt 12

<210> 53
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 53
aaaaaaaaaa aaaaa 15

<210> 54
<211> 15
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 54
ttttttttttt ttttt 15

<210> 55
<211> 20
<212> DNA
<213> Simian virus 40

<400> 55
gagtagaccc ttagagagca 20

<210> 56
<211> 15
<212> DNA
<213> Simian virus 40

<400> 56
gagattccat ttata 15

<210> 57
<211> 17
<212> DNA
<213> Simian virus 40

<400> 57
acataaaaat ctaagtt 17

<210> 58
<211> 19
<212> DNA
<213> Simian virus 40

<400> 58
tataaatgga atctctcgt 19

<210> 59
<211> 19
<212> DNA
<213> Simian virus 40

<400> 59
ctcatctggg attttatgt 19

<210> 60
<211> 164
<212> DNA
<213> Homo sapiens

<400> 60
atacttacct ggcaggggag ataccatgat cacgaaggtg gttttcccag ggcgaggctt 60
atccattgca ctccggatgt gctgacccct gcgatttcgc caaatgtggg aaactcgact 120
gcataatttg tggtagtggg ggactgcgtt cgcgctttcc cctg 164

<210> 61
<211> 191
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic U1
construct with Anti-A

<400> 61
atacttacct ggcaggggag ataccatgat ccggattgag gcttaagcag tgggttccct 60
agttagccag agagctccca ggctcagatc tggtgtaatc cggatgtgct gacccctgcg 120
atttccccaa atgtgggaaa ctcgactgca taatttgagg tagtgggggа ctgcgttcgc 180
gctttccccт g 191

<210> 62
<211> 181
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic U1
construct with Anti-B

<400> 62
atacttacct ggcaggggag ataccatcgg accttgagga ggtcttcgtc gctgtctccg 60
cttcttcctg cgataggaga gcctaaggtc cggatgtgct gacccctgcg atttccccaa 120
atgtgggaaa ctcgactgca taatttgagg tagtgggggа ctgcgttcgc gctttccccт 180
g 181

<210> 63
<211> 178
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic U1
construct with Anti-C

<400> 63
atacttacct ggcaggggag ataccatgat aatgggaggt gggtctgaaa cgataatggt 60
gagtatccct gcctaagtct attcactatc atgtgctgac ccctgcgagt tccccaaatg 120
tgggaaactc gactgcataa tttgtggtag tgggggactg cgtccgcgct ttcccctg 178